

Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.P.T. Degree Examination - APRIL 2015

Time: 3 Hours**Max. Marks: 40 Marks**

Microbiology

Q.P. Code : 2709

Your answers should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary

(Note : Both QP Codes 2708 and 2709 are to be answered within total duration of 3 hours)

LONG ESSAYS (Answer any One)**1 x 10 = 10 Marks**

1. Name the organisms causing meningitis. Discuss the morphology, pathogenicity and laboratory diagnosis of *Streptococcus pneumoniae*
2. Enumerate viruses causing hepatitis. Describe the pathogenesis and laboratory diagnosis of Hepatitis-B virus. Add a note on its prophylaxis

SHORT ESSAYS (Answer any Four)**4 x 5 = 20 Marks**

3. Bacterial capsule
4. Anaphylaxis
5. Classification of fungi based on disease caused
6. Lab diagnosis of tetanus
7. Hot-Air oven

SHORT ANSWERS**5 x 2 = 10 Marks**

8. Name four organisms causing respiratory tract infections
9. DPT vaccine
10. Mention any two properties of Antigens.
11. Name two differential staining methods
12. Name any four zoonotic diseases
